

O. M. SCOTT & SONS COMPANY  
MATERIAL SAFETY DATA SHEET

IDENTITY (As Used On Label)

OTTS TURF BUILDER PLUS 2 (NATIONAL), 27-3-3 (ST # 24828, 3035, 24984, 3006, 24877, 24992) (EPA Reg No 538-28)  
SCOTTS TURF BUILDER PLUS 2 (NATIONAL), 28-3-3 (ST # 248281, 249841, 248771, 249921) (EPA Reg No 538-28)  
SCOTTS SUPER TURF BUILDER PLUS 2 (NATIONAL), 34-3-3 (ST # 3005, 3010) (EPA Reg No 538-28)

**Section I**

Manufacturer's Name	Emergency Telephone Number
O. M. Scott & Sons Company	513/644-0011
Address (Number, Street, City, State, and ZIP Code)	Telephone Number for Information
14111 Scottslawn Road	513/644-0011
Marysville, OH 43041	Date Prepared (Rev 10/09/89)
	03/07/88 (0846U, Pg 11-12)

**Section II -- Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name; CAS Number)	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
2,4-Dichlorophenoxyacetic acid (2,4-D) CAS # 94-75-7	10 mg/m3	10 mg/m3	NA	1.16 - 1.21%
2-(2-Methyl-4-chlorophenoxy)propionic acid (MCP) CAS # 93-65-2	NA	NA	NA	1.16 - 1.21%
Urea CAS # 57-13-6	NA	NA	NA	
Monoammonium Phosphate CAS # 7722-76-1	NA	NA	NA	
Potassium Chloride CAS # 7447-40-7	NA	NA	NA	

**Section III -- Physical/Chemical Characteristics**

Boiling Point	NA	Specific Gravity (H <sub>2</sub> O = 1)	NA
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water	NA		
Appearance and Odor	Granular		

**Section IV -- Fire and Explosion Hazard Data**

Flash Point (Method Used)	Flammable Limits	LEL	UEL
NA	NA	NA	NA
Extinguishing Media			
Dry chemical			
Special Fire Fighting Procedures	Use self-contained air supply		
Unusual Fire and Explosion Hazards	None known		

**Section V -- Reactivity Data**

Stability	Unstable		Conditions to Avoid	NA
	Stable	X		

Incompatibility (Materials to Avoid) NA

**Hazardous Decomposition or Byproducts**

Urea and methylene urea nitrogen sources can generate ammonia in a fire.

Hazardous Polymerization	May Occur		Conditions to Avoid	NA
	Will Not Occur	X		

**Section VI -- Health Hazard Data**

Route(s) of Entry: Inhalation? NA Skin? NA Ingestion? NA

**Health Hazards (Acute and Chronic)**

Causes eye irritation. Avoid contact with eyes, skin, or clothing. May be harmful if swallowed.

Carcinogenicity: NTP? NA IARC Monographs? NA OSHA Regulated? NA

Signs and Symptoms of Exposure NA

**Medical Conditions****Generally Aggravated by Exposure**

Possible nausea, vomiting, and diarrhea. Severe poisonings include hyporeflexia, myotonia, muscle twitchings, urinary incontinence, fall in blood pressure.

**Emergency and First Aid Procedures**

Induce vomiting or perform gastric lavage if large amounts ingested. Saline cathartic may be given. Symptomatic and supportive care. Wash exposed areas. If in eyes, flush with water for 15 minutes. If irritation persists, get medical attention.

**Section VII -- Precautions for Safe Handling and Use****Steps to Be Taken in Case Material Is Released or Spilled**

Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash after handling.

**Waste Disposal Method**

Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard in trash. Container Disposal: Do not reuse bag. Discard in trash.

**Precautions to Be Taken in Handling and Storing**

See label. Avoid bag breakage, keep away from feed or foodstuffs. Avoid contact with skin, eyes, or clothing. Wash after handling. Keep out of reach of children. Do not apply directly to lakes, streams, or ponds.

**Section VIII -- Control Measures**

Respiratory Protection (Specify Type) NA

Ventilation	Local Exhaust	NA	Special	NA
	Mechanical (General)	NA	Other	NA

Protective Gloves NA Eye Protection NA

Other Protective Clothing or Equipment NA

Work/Hygienic Practices NA